TITLE: METHOD AND APPARATUS FOR ADJUSTED DC OFFSET POTENTIAL IN A LIQUID CRYSTAL DISPLAY (LCD) DEVICE INVENTOR: KEVIN J. ILCISIN, et al.

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FUNDAMENTAL COMPONENTS OF A LIQUID CRYSTAL DISPLAY DEVICE

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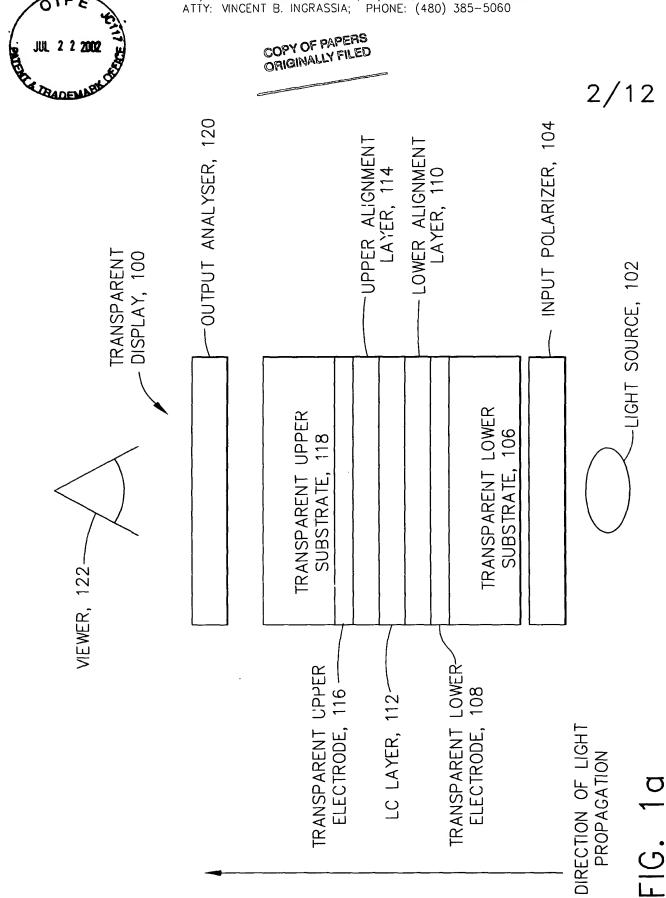
FIG. 1

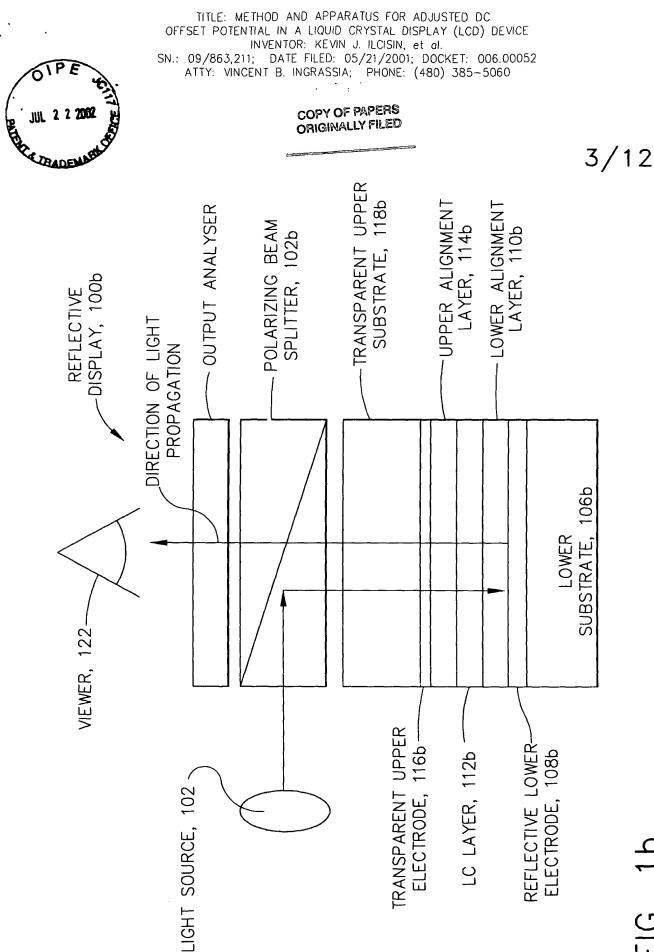
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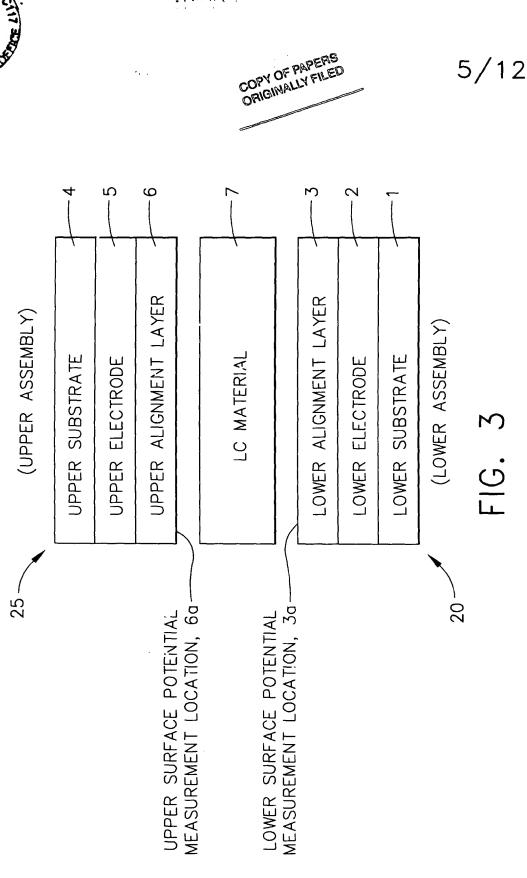
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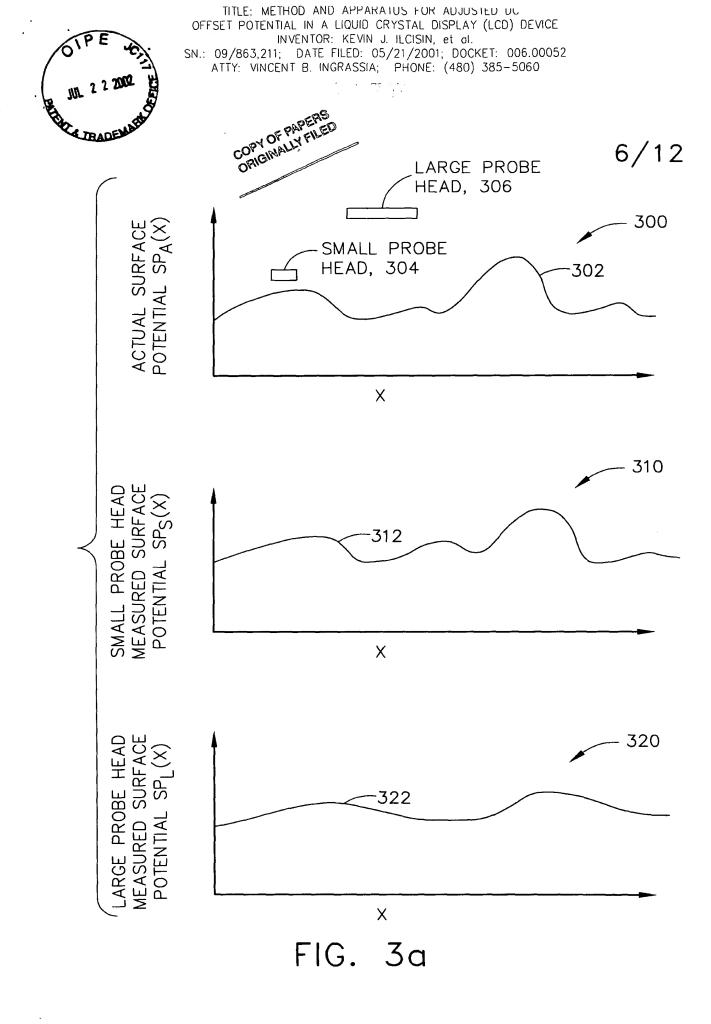
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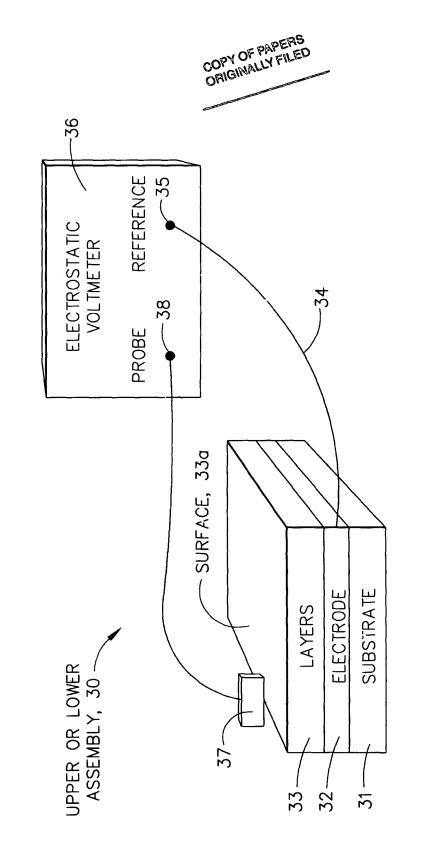


FIG. 4

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TITLE: METHOD AND APPARATUS FOR AUJUSTED DC OFFSET POTENTIAL IN A LIQUID CRYSTAL DISPLAY (LCD) DEVICE INVENTOR: KEVIN J. ILCISIN, et al. SN.: 09/863,211; DATE FILED: 05/21/2001; DOCKET: 006.00052 ATTY: VINCENT B. INGRASSIA; PHONE: (480) 385-5060 OHIGINALLY FILED COPY OF PAPE 8/12 50 AL/Si02/610/5291-IT0/5291 AL610—1T07492(TEFLON LC) COMPARISON OF PREDICTED TO MEASURED DC OFFSET VOLTAGE DC OFFSET MEASURED WITH AN OPTICAL TECHNIQUE (V) -PREDICTION, 52 IDEAL REFERENCE 50X AI7492-IT07492 ∞ $\dot{\circ}$ 9.0 0.4 58 0.2 54 **50**y 9.0 0.8 0.4 0.2 2 -0.2

PREDICTED DC OFFSET VOLTAGE FROM SURFACE POTENTIAL MEASUREMENTS (V)

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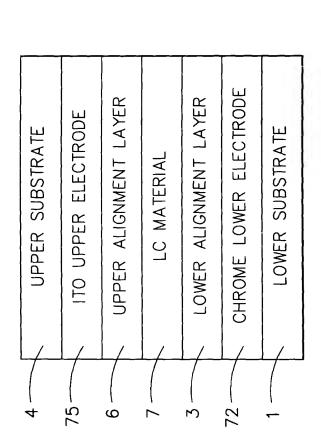
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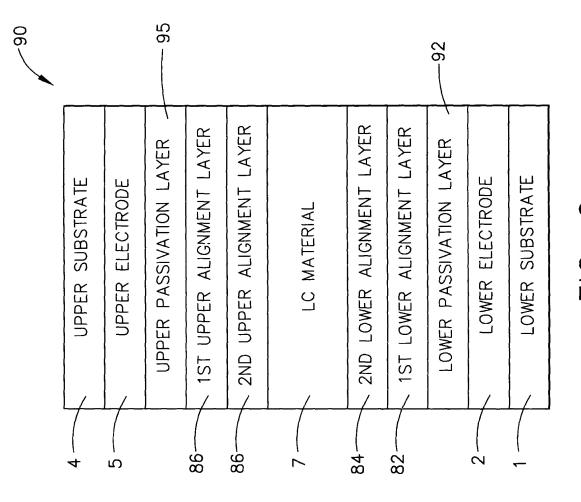


FIG. 9



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